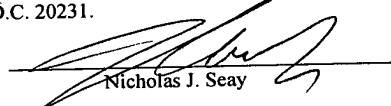


I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Signature and Deposit: March 30, 2001


Nicholas J. Seay

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Date: March 30, 2001

WD 1845
Box - SEA

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APR 1-3 2001
TECH CENTER 1600/2900

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APR 05 2001
TECH CENTER 1600/2900

Serial No.: 09/409,800

Group Art Unit: 1645

Filed: 09/30/99

Examiner: S. Devi

Title: PLASMID DNA FROM YERSINIA PESTIS

File No.: 960296.95939

RESPONSE

Commissioner For Patents
Washington DC 20231

Dear Sir:

In response to a Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed on March 16, 2001 in the above-identified application, please amend the application by substituting the attached sequence listing in place of the sequence listing in the application.

REMARKS

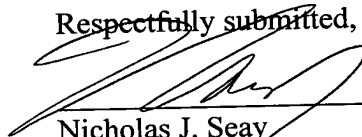
On March 16, 2001 the Patent and Trademark Office mailed the undersigned, on behalf of the applicants, a Notice regarding the sequence listing for this application. The Notice indicated that the sequence listing had an error. The error specified in the report

attached to the action had to do with the information needed under the heading of "(1)
GENERAL INFORMATION."

The correction has been made in the sequence listing for this application. Enclosed herewith is a paper copy of the substitute sequence listing and a copy of the substitute sequence listing in computer readable form. The computer readable sequence listing is identical to the paper copy of the listing. The substitute sequence listing only adds general information to the sequence listing and contains no new matter.

No fee is believed to be due in connection with this substitution. However, if any fee is due, please charge the fee to the Deposit Account 17-0055.

Respectfully submitted,



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